

<p align="center"><b>VI ENHANCEMENT OF FOOTWEAR AND TIRE TRACK EVIDENCE</b></p>	<p align="center">Page 1 of 2</p>
<p align="center"><b>Division of Forensic Science</b></p> <p align="center"><b>IMPRESSION UNIT TRAINING MANUAL</b></p>	<p>Amendment Designator:</p> <p>Effective Date: 30-March-2004</p>
<p align="center"><b>VI ENHANCEMENT OF FOOTWEAR AND TIRE TRACK EVIDENCE</b></p> <p><b>6.1 PURPOSE</b></p> <p>6.1.1 To further develop the knowledge and experience of the student in the enhancement processes for footwear and tire track evidence.</p> <p><b>6.2 OBJECTIVES</b></p> <p>6.2.1 To become knowledgeable of and experienced with different methods for the stabilization, enhancement and development of impression evidence, such as:</p> <p>6.2.1.1 Staining methods (Amido Black, Comassie Blue, etc.) for blood impressions</p> <p>6.2.1.2 Visualization of trace blood impressions (Luminol)</p> <p>6.2.1.3 Application of non-blood development techniques (powders, silver nitrate, physical developer, etc.)</p> <p>6.2.1.4 Understanding when stabilization of blood impressions is necessary.</p> <p>6.2.2 To understand the importance in sequencing processes when using enhancement techniques.</p> <p><b>6.3 GOAL</b></p> <p>6.3.1 The student will understand the importance of the sequencing involved in the enhancement process that is an integral part for making impressions visible for photography and comparisons.</p> <p><b>6.4 DISCUSSION</b></p> <p>6.4.1 The student will gain the knowledge and skills that will enable them to properly enhance evidence allowing the preservation of the impression and the subsequent examination and comparison of the evidence.</p> <p><b>6.5 EXAMINATION</b></p> <p>6.5.1 Successful completion of this segment of training will be determined by a combination written and performance test.</p> <p><b>6.6 REFERENCES FOR TOPIC VI</b></p> <ol style="list-style-type: none"> <li>1. <u>Footwear Impression Evidence</u>, Bodziak, 1990m 135-163</li> <li>2. <u>Identification News</u>, "Developing Footwear Evidence", Brabant, August 1975, Vol. 25, No. 9, pp 14-15</li> <li>3. <u>Footwear Identification</u>, Cassidy, 1980, pp 41-65</li> <li>4. <u>Journal of Forensic Sciences</u>, "Deciphering Bloody Imprints Through Chemical Enhancement", Doherty &amp; Mooney, 1990, 35:2, pp 457-465</li> <li>5. <u>Fingerprint Whorld</u>, "Chemical Developers in Footwear Prints", Hamm, April 1984, Vol. 9, No. 6, pp 117-118</li> <li>6. <u>Fingerprint Whorld</u>, "Shoe Print Development by Silver Nitrate", Loveridge, October 1984, Vol. 10, No. 38, p. 58</li> </ol>	

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<p>7.      <u>Fingerprint Whorld</u>, “Shoe Print Development by P. D. Treatment”, Morton, 1983, Vol. 9, No. 34, pp 61-62</p>	